

IPD

Docket No. 283629US0PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Haruo SUGIYAMA

SERIAL NO: 10/562,486

FILED: December 27, 2005

FOR: METHOD OF SELECTING WT1 VACCINE ADAPTIVE PATIENTS SUITABLE FOR WT1 VACCINE



GAU:

EXAMINER:

**MAIL STOP PCT**

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☒ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
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Registration No. 34,423

Docket No. 283629US0PCT

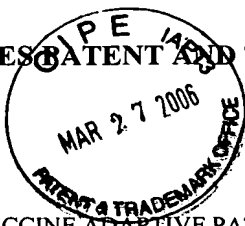
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OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

A handwritten signature in cursive script, appearing to read "Norman F. Oblon".

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 283629US0PCT		SERIAL NO. 10/562,486	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Haruo SUGIYAMA			
				FILING DATE December 27, 2005		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	2004/0247609	12/09/04	SUGIYAMA			
	AB	2004/0097703	05/20/04	SUGIYAMA			
	AC	2005/0002951	01/06/05	SUGIYAMA et al.			
	AD	2005/0266014	12/01/05	SUGIYAMA et al.			
	AE						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AF	2002-525099	08/13/02	JP (equivalent of WO00/18795)			NO
	AG	02/28414	04/11/02	WO (equivalent of US2003/0082196 & US2003/0072767)			NO
	AH	03/002142	01/09/03	WO (equivalent of EP1 410 804)			NO
	AI	03/028757	04/10/03	WO			NO
	AJ	2003-500004	01/07/03	JP (equivalent of WO00/26249)			NO
	AK	1 447 091	08/18/04	EP			NO
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AL	ALTMAN, John D. et al., "Phenotypic Analysis of Antigen-Specific T Lymphocytes", Science, Vol. 274, Pages 94-96, 1996.					
	AM	MENKE, A. L. et al., "The Wilms' Tumor 1 Gene: Oncogene or Tumor Suppressor Gene?", International Review of Cytology, Vol. 181, Pages 151-212, 1998.					
	AN	OERTLI, Daniel, et al., "Rapid Induction of Specific Cytotoxic T Lymphocytes Against Melanoma-Associated Antigens by a Recombinant Baccinia Virus Vector Expressing Multiple Immunodominant Epitopes and Costimulatory Molecules In Vivo", Human Gene Therapy, Vol. 13, Pages 569-575, 2002.					
	AO	LAU, Roy et al., "Phase I Trial Of Intravenous Peptide-Pulsed Dendritic Cells in Patients With Metastatic Melanoma", Vol. 24, No. 1, Pages 66-78, 2001.					
	AP	MOLLER, P. et al., "Vaccination with IL-7 gene-modified autologous melanoma cells can enhance the anti-melanoma lytic activity in peripheral blood of patients with a good clinical performances status: a clinical phase I study", British Journal of Cancer, Vol. 77, No. 11, Pages 1907-1916, 1998.					
	AQ	KRUSE, Niels et al., "Quantification of cytokine mRNA expression by RT PCR in samples of previously frozen blood", Journal of Immunological Methods, Vol. 210, Pages 195-203, 1997.					
	AR	CZERKINSKY, Cecil et al., "Reverse ELISPOT assay for clonal analysis of Cytokine production, I. Enumeration of gamma-interferon-secreting cells", Journal of Immunological Methods, Vol. 110, Pages 29-36, 1998.					
	AS	SUGIYAMA, Haruo, "Cancer Immunotherapy Targeting WT1 Protein", International Journal of HEMATOLOGY, Vol. 76, Pages 127-132, 2002.					
	AT	GESSLER, Manfred et al., "Homozygous deletion in Wilms tumours of a zinc-finger gene identified by chromosome jumping", Nature, Vol. 343, Pages 774-778, 1990					
	AU	CALL, Katherine M. et al., "Isolation and Characterization of a Zinc Finger Polypeptide Gene at the Human Chromosome 11 Wilms' Tumor Locus", Cell, Vol. 60, Pages 509-520, 1990					
	AV						<input type="checkbox"/> Additional References sheet(s) attached
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

U.S. PCT Application Serial No: 10/562,486

Filed: December 27, 2005

Haruo SUGIYAMA

Docket No. 283629 US



### STATEMENT OF RELEVANCY

- 1) References AF - AJ have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References            have been cited in the corresponding            Search Report. A copy of these references is being submitted herewith.
- 3) References AL - AU are discussed in the specification. A copy of these references is being submitted herewith.
- 4) Reference AK is additional prior art known to Applicant. A copy of this reference is being submitted herewith.



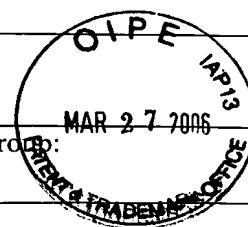
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Inventor: Haruo SUGIYAMA

Filing Date: December 27, 2005

Group:

LIST OF RELATED CASES CITED BY  
APPLICANT UNDER 37 CFR 1.56**LIST OF RELATED CASES**

<u>Examiner Initial</u>	<u>Docket No.</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Patent App. Publication No.</u>	<u>Inventor or Applicant</u>
	275588US96PCT	10/490,873	06/17/04	US2004/0247609 A1	SUGIYAMA
	254147US40PCT	09/744,815	01/30/01		SUGIYAMA, et al.
	254149US40PCT	10/471,835	09/15/03	US2004/0097703 A1	SUGIYAMA
	275595US96PCT	10/490,865	06/17/04	US2005/0002951 A1	SUGIYAMA, et al.
	275596US96XPCT	10/517,600	12/13/04		SUGIYAMA, et al.
	283121US0PCT	10/527,692	03/11/05		SUGIYAMA
	283124US0XPCT	10/528,360	03/18/05		SUGIYAMA, et al.
	276146US40DIV	11/196,459	08/04/05	US2005/0266014 A1	SUGIYAMA, et al.
	276141US40CONT	11/196,452	08/04/05		SUGIYAMA, et al.
	283125US0XPCT	10/541,821	07/11/05		SUGIYAMA, et al.
	283629US0PCT*	10/562,486	12/27/05		SUGIYAMA
	284034US40CONT	11/322,245	01/03/06		SUGIYAMA, et al.

Examiner

Date Considered

\*Present Application; listed for information  
NFO/hah